

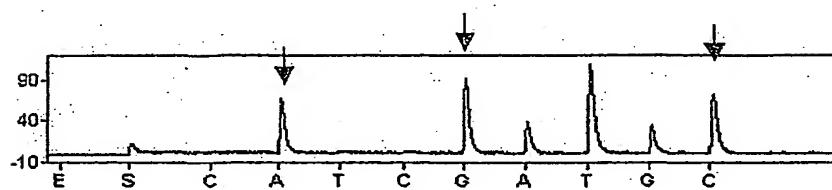
TITLE: EXPRESSION PROFILING
Inventor: Langeveld et al.
Docket No.: 2183-6395US

BGL

Sequencing primer: TTGAGTGACAGAGTAGTGA

Sequence to analyze: AGGATTTCGC

Dispensation order: (C)A(T)(C)GATGC



Template loop generating background in the A, G and C peaks denoted by arrows.

AAGGCC ->

ACTTGAGGAAGATCATA -3'

(+ || || || | + ||

GAACCTTCTTCTCATATTTCCGGATAACTCACTGTCTCATCACTYCTAAAACGTCT

AA

TACGTCTTAAAA... -Biotin-5'

FIG. 1A

TITLE: EXPRESSION PROFILING

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PRP

Sequencing primer: GTGGGTTGATCCATAT

Sequence to analyze: CGGAATTGGT

Dispensation order: (G)C(T)(A)GATGT

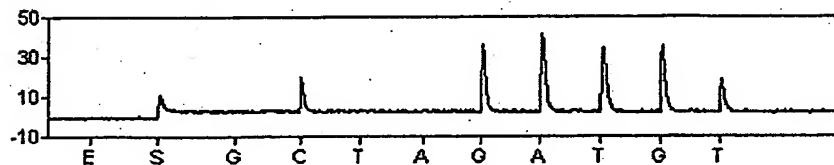


FIG. 1B

TITLE: EXPRESSION PROFILING

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THA

Sequencing primer: CATTCACTTGCCTG

Sequence to analyze: GGGGAACCAACT

Dispensation order: (T)(C)G(T)ACACT

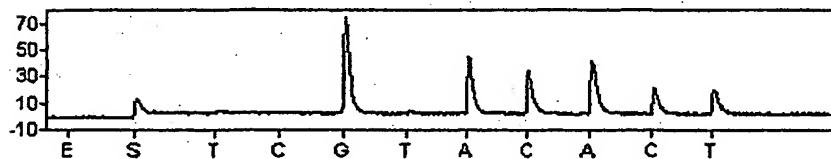


FIG. 1C

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RPL10

Sequencing primer: TCATTGTTAGCAGGAAG

Sequence to analyze: TGGGGATTCA

Dispensation order: (G)T(C)(A)GATCA

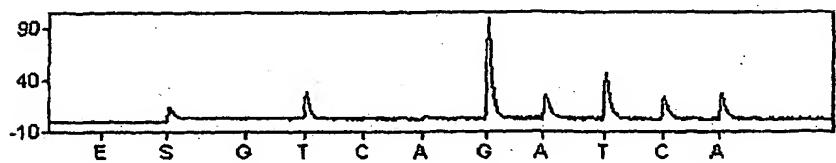


FIG. 1D

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RPL12

Sequencing primer: AAGAACATCAAGCACAA

Sequence to analyze: TGGTAATA

Dispensation order: (G)T(C)(A)GTATA



FIG. 1E

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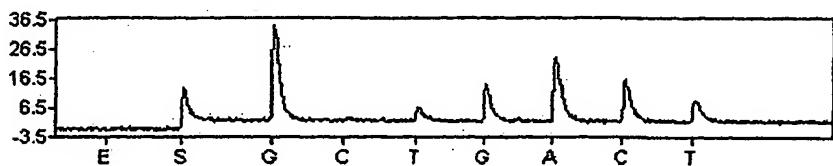
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THA + RPL10

Sequencing primers: TCATTGTTAGCAGGAAG (RPL10) and CATTCAC TTGCCCTG (THA)

Sequence to analyze: TGGGGATT (RPL10) and GGGGAACC (THA)

Dispensation order: G(C)TGACT



Peak heights from the pyrogram (peak heights in RLU, relative light units):

| S | G | C | T | G | A | C | T |
|------|------|-----|-----|------|------|------|-----|
| 10.6 | 32.6 | 1.1 | 4.7 | 12.3 | 21.8 | 14.1 | 6.9 |

FIG. 2A

TITLE: EXPRESSION PROFILING

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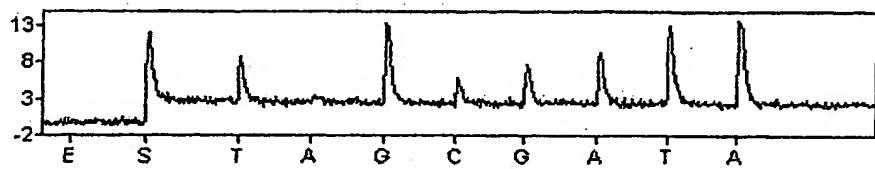
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PRP + RPL 12

Sequencing primers: AAGAACATCAAGCACAA (RPL12) and GTGGGTTGATCCATAT (PRP)

Sequence to analyze: TGGTAATA (RPL12) and CGGAATTGGT (PRP)

Dispensation order: T(A)GCGATA



Peak heights from the pyrogram (peak heights in RLU, relative light units):

| S | T | A | G | C | G | A | T | A |
|-----|-----|-----|------|-----|-----|-----|------|------|
| 9.5 | 6.5 | 0.9 | 10.9 | 3.7 | 5.1 | 7.0 | 10.8 | 11.3 |

FIG. 2B

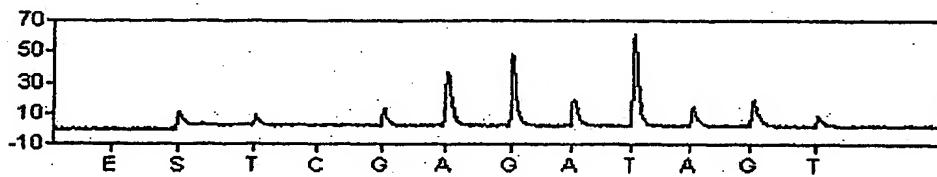
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RPL 12 + BGL

Sequencing primers: AAGAACATCAAGCACAA (RPL12) and
TTGAGTGACAGAGTAGTGA (BGL)

Sequence to analyze: TGGTAATA (RPL12) and AGGATTTGC (BGL)

Dispensation order: T(C)GAGATAGT



Peak heights from the pyrogram (peak heights in RLU, relative light units):

| S | T | C | G | A | G | A | T | A | G | T |
|-----|-----|-----|------|------|------|------|------|------|------|-----|
| 8.5 | 5.8 | 0.6 | 10.6 | 34.2 | 46.3 | 17.4 | 58.1 | 12.0 | 17.1 | 6.1 |

FIG. 2C